Date: Thu, 23 Sep 93 04:30:14 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #50
To: Ham-Digital

Ham-Digital Digest Thu, 23 Sep 93 Volume 93 : Issue 50

Today's Topics:

[HELP] 9600baud to ICOM IC-970
BKMULTY: looking for views/reviews
info about MD2 and password
Motorla MC80 for packet ?
TAPR-1990 and 1993 meeting

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Sep 93 20:45:56 GMT
From: koriel!lll-winken.llnl.gov!taurus.cs.nps.navy.mil!srbible@RUTGERS.EDU
Subject: [HELP] 9600baud to ICOM IC-970
To: ham-digital@ucsd.edu

Has anyone interfaced a 9600 baud packet modem to the ICOM IC-970?
I have the Pac-Comm NB-96 and PSK-1. I have everything working,
i.e. PSK with the microsats and regular land packet. I would
like to modify the IC-970 for the 9600 baud modem in order to
receive UO-22 and KO-23 in addition to the PSK modem. It appears
that I'll have to make a switch box to switch between 1200 baud
(the mic and speaker connections) and the 9600 baud (the internal
radio connection).

I've been pouring over the schematic for the radio and have an
idea what I need to do. I would like very much to talk with
someone who has done the radio hookup.

73, Steve N7HPR

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Date: Thu, 23 Sep 1993 01:22:25 GMT
From: netcomsv!netcom.com!fmitch@decwrl.dec.com
Subject: BKMULTY: looking for views/reviews
To: ham-digital@ucsd.edu

Rajiv Dewan (rdewan@casbah.acns.nwu.edu) wrote:
: I am considering to buy a copy of BK-MULTY software from
: AC4IW for RTTY/AMTOR with my TU (HD3030, TU470 compatible).
: I am looking for any views/reviews of it or similar software.

: Any comments, especially with its compatibility with Windows,
: will be greatly appreciated.

: Rajiv
: aa9ch
: r-dewan@nwu.edu

hi mitch, wa4osr in mobile, alabama... i have a friend, k4bvg who has
bk-multy... he thinks highly of it... he is using it with an old hal
dumb modem and has nothing but praise for it... the software is very
sophisticate and k4bvg (who is an excellent programmer himself) says
that the bmk fellow really knows what he is doing with the software...
and i understand that bmk now has a pactor license so he is pointing
out all of the pactor problems to the pactor fellows in germany... hi...
unfortunately k4bvg is not on the internet yet, but i am sure he would
tell you the software is excellent and well worth the price...
73... mitch

--
fmitch@netcom.com
Felton Mitchell, WA4OSR in Mobile, Alabama USA
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: 23 Sep 93 11:41:59 GMT

From: ghost.dsi.unimi.it!ghost.dsi.unimi.it!not-for-mail@tcgould.tn.cornell.edu
Subject: info about MD2 and password
To: ham-digital@ucsd.edu

I'd wish to have any info about MD2 for the password on BBS, like
FBB 5.15 and so on.

Thanks

Federico Guercilena guercile@ghost.dsi.unimi.it

Dipartimento Scienze dell'informazione
Universita' di Milano

Date: Tue, 21 Sep 1993 22:05:07 GMT
From: news.cerf.net!crash!newshub.nosc.mil!dog.ee.lbl.gov!agate!doc.ic.ac.uk!
uknet!mcsun!sun4nl!relay.philips.nl!philica!geertj@network.ucsd.edu
Subject: Motorla MC80 for packet ?
To: ham-digital@ucsd.edu

johna@icsbelf.co.uk (John Agnew) writes:

>Hi All,

>I have a Motorola MC80 VHF FM radio that I want to use for packet. Has
>anyone any experience of tuning these radios onto 2m ? I have a manual
>for the radio but it seems that my TX layout is not the same as that of
>the circuit diagrams in the manual. Also I find that now I have tuned the
>RX it is as deaf as a post - any ideas. The radio originally operated
>around 150 Mhz according to the xtals that cam with it when I bought it.
>I do not want to mess with the TX until I have an idea of what I have to
>do.

Well, having modified the 70cm version myself, and heard much about
both versions from others (many of these came loose when they were
replaced at government), I found:
- They work for packet, even HAPN, but the IF is a bit smallish
 (but that sounds familiar, no?)
- The receiver uses many helical filters. You need to re-tune very
 precisely to obtain maximal results. I remember to obtain something
 like .3-.4 uv for 12dB sinad - not bad for a box with this filtering.

Geert Jan

Date: 22 Sep 93 21:44:36 GMT
From: news-mail-gateway@ucsd.edu
Subject: TAPR-1990 and 1993 meeting
To: ham-digital@ucsd.edu

I am looking for the TAPR'90 and TAPR'93 meetings proceedings. I have
managed to find only years 1989, 1991 and 1992. Anybody knows where
to look for years 1990 and 1993?

73 Costas SV1XV

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Date: Tue, 21 Sep 1993 22:16:32 GMT
From: news.cerf.net!crash!newshub.nosc.mil!dog.ee.lbl.gov!agate!doc.ic.ac.uk!
uknet!mcsun!sun4nl!relay.philips.nl!philica!geertj@network.ucsd.edu
To: ham-digital@ucsd.edu

References <1993Sep16.080005.11619@ke4zv.atl.ga.us>,
<1993Sep21.110316.811@hhcs.gov.au>, <N4HY.93Sep21101330@wahoo.ccr-p.ida.org>li
Subject : Re: HAPN packet, what is it? (a REAL answer)?

n4hy@wahoo.ccr-p.ida.org (Bob McGwier) writes:

>You have encoded two symbol's (zero's and one's) using three symbols.
>Thus you are able to transmit the same information in a more tightly
>controlled spectrum. This is the controlled and planned use of intersymbol
>inteference. The reason the HAPN board does not work well is that it
>is a grossly suboptimal implementation of something that really needs DSP to
>work well.

While Bob is right, we found that HAPN works 'reasonable well'. If people
want to sniff at higher speed instead of staying at 1200 baud, you still
might want to try this. In the Netherlands, 4800 baud is often used

and works OK in practice.

You should really try this. The part cost is lower than a modem chip
for 1200 baud, you get 4 times the speed and much more than 4 times
the performance improvement because has a much better carrier
detection than bell202 modem chips (bell 202 modemchip carrier detect
STINKS, ask if you want to know why)..

Geert Jan

End of Ham-Digital Digest V93 #50
